

**FACILITATING SYSTEM DIAGNOSTIC FUNCTIONALITY THROUGH
SELECTIVE QUIESCING OF SYSTEM COMPONENT SENSOR DEVICES**

ABSTRACT OF THE DISCLOSURE

A driver for a system component sensor device in a computer system comprises a diagnostic mode of operation configured for enabling selective execution of diagnostic functionality on a corresponding system component sensor device while concurrently permitting execution of system management to be performed via system component sensors in a system management mode of operation. The diagnostic mode of operation includes disabling the corresponding system component device with respect to system management functionality and access by non-diagnostic users. The driver further comprises at least one of a parent driver device interface configured for controlling modes of operation of a group of child sensor devices and a plurality of child device driver interfaces each configured for controlling modes of operation of a respective one of the child sensor devices. The corresponding system component sensor device is one of the sensor devices and sets the diagnostic mode of operation using one of the device driver interfaces.